ABSTRACT OF THE DISCLOSURE

In an encrypted information recording apparatus, a digital contents signal is divided into data blocks. A statistical quantity of the digital contents signal is calculated for every data block. A corrective quantity is

5   calculated from encrypted information and the calculated statistical quantity. First random numbers are changed into second random numbers in response to the calculated corrective quantity. A signal representative of the second random numbers is added to the digital contents signal so that the encrypted information is embedded therein and

10   thereby a digital information signal is generated. The digital information signal is transmitted from the recording apparatus to an encrypted information reproducing apparatus. In the reproducing apparatus, the digital information signal is divided into data blocks. The statistical quantity of the digital information signal is calculated for every data block.

15   The encrypted information is extracted from the digital information signal in response to the calculated statistical quantity.